

METHODS AND DEVICES FOR DELIVERING ORTHOPEDIC CEMENTS TO A TARGET BONE SITE

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ABSTRACT OF THE DISCLOSURE

Methods and devices are provided for delivery an orthopedic, e.g., calcium phosphate cement to a target bone site. In practicing the subject methods, a flowable cement composition is delivered to a target bone site in conjunction with vibration. Also provided are the devices that deliver a flowable cement to a target bone site according to the subject methods. Introducing a flowable cement to a target bone site in conjunction with vibration in accordance with the subject methods provides for highly controlled penetration of the delivered cement throughout the target bone site without the use of substantial pressure. The subject devices and methods find use in a variety of different applications, and are particularly suited for use in applications where a calcium phosphate cement is to be delivered to cancellous tissue, e.g., as found in a vertebral body.